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Application No. 10/762,240 Amendment dated 07/21/2006 First Preliminary Amendment

AMENDMENTS TO THE CLAIMS

1-25. (Cancelled)

- 26. (New) A filter element comprising:
- a filter media including a first material, wherein the filter media includes a clean side face; and
- a seal including a second material bonded to the clean side face, wherein the seal is bonded to a perimeter of the clean side face to form a flange portion integral with the filter media.
- 27. (New) The filter element according to claim 26 further comprising a rim portion, wherein the rim portion is bonded to a perimeter of the filter media, wherein the perimeter of the filter media includes at least one side surface of the filter media.
- 28. (New) The filter element according to claim 27, wherein the seal includes a second flange portion integrally-extending from the flange portion in a perpendicular direction with respect to the least one side surface of the filter media, wherein the second flange portion is adapted to overlay and seal a ledge of the filter housing.
- 29. (New) The filter element according to claim 26, wherein the rim portion is adapted to radially engage and seal an inner surface of the filter housing.
- 30. (New) The filter element according to claim 26 further comprising a flexible portion extending from the flange portion that is adapted to be compressed by a lid of a filter housing.
- 31. (New) The filter element according to claim 30, wherein the flexible portion includes a pair of flexible flange portions that extend obliquely in divergent directions from the flange portion.
- 32. (New) The filter element according to claim 30, wherein the flexible portion includes a U-shape portion having a first lcg and a second leg.

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- 33. (New) The filter element according to claim 30, wherein the flexible portion includes a bulb seal including a void.
- 34. (New) The filter element according to claim 26, wherein the first material is a pleated filter media including cellulose, cellulose blends, polyester fibers, or polypropylene fibers.
- 35. (New) The filter element according to claim 26, wherein the second material includes thermoplastic elastomer (TPE) embedded in ethylene-polylene terpolymer rubber (EPDM).
- 36. (New) A filter element comprising:
- a filter media including a first material, wherein the filter media includes a clean side face;
- a rigid frame including a second material bonded to the clean side face, wherein the rigid frame is bonded to a perimeter of the clean side face to form a flange portion integral with the filter media;
- a seal including a third material bonded to the rigid frame, wherein the seal is bonded to a perimeter of the rigid frame to form a seal flange portion integral with the rigid frame.
- 37. (New) A method for manufacturing a filter element comprising the steps of:

inserting a filter media including a first material into an injection molding machine, wherein the filter media includes a clean side face;

injecting a second material directly onto a perimeter of the clean side face to form a rigid frame; and

injecting a third material directly onto the rigid frame to form a flange portion of a seal.

- 38. (New) The method according to claim 37 further comprising the step of forming, with the second material, a flexible portion extending from the flange portion.
- 39. (New) The method according to claim 38, wherein the flexible portion includes a pair of flexible flange portions that extend obliquely in divergent directions from the flange portion.

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- 40. (New) The method according to claim 38 further comprising the step of forming a rim portion from the third material, wherein the rim portion is bonded to a perimeter of the rigid frame.
- 41. (New) The method according to claim 38 further comprising the step of forming a second flange portion from the third material integrally-extending from the rigid frame in a perpendicular direction with respect to at least one side surface of the filter media, wherein the second flange portion is adapted to overlay and seal a ledge of the filter housing.
- 41. (New) The method according to claim 38, wherein the flexible portion includes a U-shape portion having a first leg and a second leg.
- 42. (New) The method according to claim 38, wherein the flexible portion includes a bulb seal including a void.
- 43. (New) The method according to claim 37, wherein the thermoplastic material is a thermoplastic elastic material (TPE) embedded in ethylene-propylene terpolymer (EPDM).
- 44. (New) The method according to claim 37, wherein the filter media is a pleated filter media comprised of cellulose, cellulose blends, polyester fibers, or polypropylene fibers.

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